

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 3 and 11-16, and AMEND claim 1 in accordance with the following:

1. (Currently Amended) An apparatus for indicating a connection state of an input/output cable, comprising:

an indicator that is a communication device between an AT Attachment Packet Interface (ATAPI) drive and a host interconnected via the input/output cable and that indicates in response to a control signal whether the AT Attachment Packet Interface (ATAPI) drive is connected to or disconnected from the host via the input/output cable;

a controller that sets a flag to check the connection state of the input/output cable, when power is applied to the AT Attachment Packet Interface (ATAPI) drive, and outputs the control signal to the indicator to indicate that the input/output cable is not connected to the host when a command is not received from the host for a predetermined period of time; and

a timer that counts a time required for receiving the command from the host,
wherein the indicator is a light emitting diode that turns on in response to the control signal output from the controller, when the host is connected to the AT Attachment Packet Interface (ATAPI) drive via the input/output cable, and turns off when the host is not connected to the AT Attachment Packet Interface (ATAPI) drive via the input/output cable.

2-3. (Cancelled)

4. (Original) The apparatus of claim 1, wherein the controller clears the set flag when the command is received from the host for the predetermined period of time.

5. (Original) The apparatus of claim 1, wherein the controller clears the set flag after the indicator indicates that the input/output cable is not connected to the host.

6. (Original) A method of indicating a connection state of an input/output cable via which an AT Attachment Packet Interface (ATAPI) drive communicates with a host, the method comprising:

when power is applied to the AT Attachment Packet Interface (ATAPI) drive, setting a flag that checks the connection state of the input/output cable;

if a command is not received from the host for a predetermined period of time after the flag is set, commanding a timer to increase a time counter; and

if the increased time exceeds a reference time, indicating that the input/output cable is not connected to the host.

7. (Original) The method of claim 6, wherein in commanding the timer to increase the time counter, if the command is received from the host within the predetermined period of time, the set flag is cleared.

8. (Original) The method of claim 6, wherein after the indication that the input/output cable is not connected to the host, the set flag is cleared.

9. (Original) The method of claim 6, wherein if the command is received from the host, the set flag is cleared.

10. (Original) The method of claim 6, wherein if the command is received from the host, signaling that the input/output cable is connected.

11-16. (Cancelled)